



Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

System #1 Pipe Markers (Wrap Around & Strap On)

Compliance:

- ANSI / ASME A13.1-2015 "Scheme for the Identification of Piping Systems"
- ANSI Z535.1 "Safety Color Code"
- NFPA 99 Health Care Facilities Code
- **LEED Compliance:** This product is in compliance with the Standards set forth by the South Coast Air Quality Management District (SCAQMD) Rule #1168 and the Green Seal Standard, GS-36 for Commercial Adhesives pertaining to Volatile Organic Compounds (VOC). When supplied with adhesive strip, the adhesive backing on this product contains **< 5.8 grams** / Liter VOC.
- **UL 94** - Test for Flammability of Plastic Materials. Classification Achieved: 94V-0



1 Wrap Around Markers
(Styles A thru E)



2 Strap On Markers
(Styles F thru H)

Material:

Semi Rigid Colored PVC Vinyl extruded with UV inhibition for outdoor durability. The image is applied with UV resistant inks. Sizes AA thru E are thermoformed to achieve a pre-tension wrap around pressure for specific pipe sizes. Sizes F thru H are provided with slotted holes and are strapped onto pipes using nylon ties.

Material Thickness:

.015" thick used with Styles AA, A, B, F, G, and H
.025" thick used with Styles C, D, and E

Use:

Identify piping systems. System #1 Pipe Markers offer significant advantages to conventional pipe labels. Speed of installation, pre-tension wrap around markers, no pipe preparation and 360° visibility of marker locations. Arrows & legends are printed repeatedly in opposite directions allowing the marker to be applied in any direction achieving proper reading while indicating pipe content flow.

Surface Preparation: None

Outdoor Durability: 4 to 5 years Mid-Continental US

Abrasion Resistance: Good

Water Resistance: Excellent

Chemical Resistance: Excellent resistance to most petroleum solvents and low aliphatic alcohols.

Service Temp: All Sizes*

-40°F to 160°F (-40° C to 71°C)

* System #1 Markers are not recommended for use in environments or on pipes constantly above 180°F (82°C).

Fasteners

- 36" (915mm) Nylon Ties
- 48" (1219mm) Nylon Ties
- 3/8" x .015" x 200' Stainless Steel Strapping
(See Accesories Data Sheet)

SIZE CHART

MARKER STYLE	OUTSIDE PIPE DIAMETER	MARKER WIDTH	CHARACTER SIZE
AA	3/8" - 1/2" (10 - 13 mm)	3" (76.2 mm)	1/4" (6.4 mm)
A	3/4" - 1" (19 - 25 mm)	8" (203 mm)	1/2" (13 mm)
B	1-1/8" - 2-3/8" (29 - 60mm)	8" (203mm)	3/4" (19mm)
C*	2-1/2" - 3-1/4" (64 - 83mm)	12" (305 mm)	1-1/4" (32mm)
D*	3-3/8" - 4-1/2" (86 - 114mm)	12" (305 mm)	1-1/4" (32mm)
E*	4-5/8" - 6" (117 - 152mm)	12" (305 mm)	1-1/4" (32mm)
F**	6-1/8" - 7-7/8" (155 - 200mm)	12" (305 mm)	1-1/4" (32mm)
G**	8" - 10" (203 - 254mm)	24" (610mm)	2-1/2" (64mm)
H**	Over 10" (Over 254mm)	32" (813mm)	3-1/2" (89mm)

* Supplied with adhesive strip, which is only recommended if service temperature exceeds 100°F.

** Strap on mounting method includes 2 nylon ties.

Storage Stability: Indefinite shelf life at conditions of 70°F (21°C) and 60% RH.

STANDARD COLORS

Flammable & Oxidizing Fluids	Potable, Cooling, Boiler Feed, Waters
Compressed Air	Fire Quenching Fluids
Toxic, Corrosive Fluids	Combustible Fluids
NFPA 99 Colors	NFPA 99 Colors
NFPA 99 Colors	NFPA 99 Colors
NFPA 99 Colors	NFPA 99 Colors
NFPA 99 Colors	NFPA 99 Colors

* New 2015 color classification

DATE: ___ / ___ / ___

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EZ Pipe Markers (Stick On Pipe Labels)

NATURAL GAS

3 Typical Installations



1 EZ Marker with EZ Arrow

2 EZ Marker with Arrow Banding Tape

3 EZ Marker with Banding Tape & EZ Arrow

STANDARD COLORS

Flammable & Oxidizing Fluids	Potable, Cooling, Boiler Feed, Waters
Compressed Air	Fire Quenching Fluids
Toxic, Corrosive Fluids	Combustible Fluids
NFPA 99 Colors	NFPA 99 Colors
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* New 2015 color classification

MARKER STYLE	OUTSIDE PIPE DIAMETER	MARKER DIMENSIONS	RECOMM. MAX. CHARACT.	SIZE OF LETTERS	DIRECTIONAL FLOW	
					ALTERN. MATCHING ARROW	ALTERN. ARROW TAPE
1XSM	3/4" - 1-1/4" 19 - 32mm	8 x 1-1/8" 203 x 29mm	22	1/2 inch 13mm	4 x 1-1/8" 102 x 29mm	1" 25.4mm
1SM	1-1/2" - 2-3/8" 38 - 60mm	8 x 1-1/8" 203 x 29mm	18	3/4 inch 19mm	4 x 1-1/8" 102 x 29mm	1" 25.4mm
1	2 1/2" - 7-7/8" 64 - 200mm	14 x 2-1/4" 356 x 57mm	22	1-1/4 inch 32mm	6 x 2-1/4" 152 x 57mm	2" 51mm
1LG	8" - 10" 203 - 254mm	24 x 4" 610 x 102mm	22	2-1/2 inch 64mm	7 x 4" 178 x 102mm	2" or 4" 51 or 102mm
1XLG	OVER 10" Over 254mm	32 x 4" 813 x 102mm	22	3-1/2 inch 89mm	7 x 4" 178 x 102mm	2" or 4" 51 or 102mm

Compliance:

- ANSI / ASME A13.1-2015 "Scheme for the Identification of Piping Systems"
- ANSI Z535.1 "Safety Color Code"
- NFPA 99 Health Care Facilities Code

LEED Compliance: This product is in compliance with the Standards set forth by the South Coast Air Quality Management District (SCAQMD) Rule #1168 and the Green Seal Standard, GS-36 for Commercial Adhesives pertaining to Volatile Organic Compounds (VOC). The adhesive backing on this product contains < 4.4 grams / Liter VOC.

Material:

Outdoor Grade 3.2 mil thick high gloss adhesive backed calendared vinyl film, printed using UV and chemical resistant inks, to ensure durability in most commercial / industrial environments.

Use: Identify piping systems. EZ Pipe Markers used in conjunction with EZ Matching Arrow or Arrow Banding Tapes to identify both, pipe content and directional flow for full compliance with ANSI / ASME A13.1-2015.

Adhesive:

Aggressive Solvent Based Acrylic Adhesive formulated to adhere to a variety of insulated and non insulated pipe surfaces.

Surface Preparation:

Surface must be dry and reasonably clean prior to applying adhesive backed label product. Minimum Surface Temperature 50°F (10°C).

Outdoor Durability: 4 to 5 years Mid Continental US

Abrasion Resistance: Good

Water Resistance: Good

Solvent Resistance: Good

Service Temp: -20°F (-29°C) to 200°F (93°C)

Storage Stability: 2 years at 70°F (21°C) with 50 RH

DATE: / /

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EZ Marker Matching Arrows



* Note: ANSI / ASME A13.1 2015 requires that the arrow should point away from the legend.

2 Typical Installations



1 EZ Marker with EZ Arrow



2 EZ Marker with Banding Tape & EZ Arrow

MARKER STYLE	OUTSIDE PIPE DIAMETER	MARKER DIMENSIONS	ARROW SIZE
1XSM	3/4" - 1-1/4" 19mm to 32mm	4 x 1-1/8" 102 x 29mm	2-1/2 x 1/2" 64 x 13mm
1SM	1-1/2" - 2-3/8" 38mm to 60mm	4 x 1-1/8" 102 x 29mm	3 x 3/4" 76 x 19mm
1	2-1/2" - 7-7/8" 64mm to 200mm	6 x 2-1/4" 152 x 57mm	5 x 1-1/4" 127 x 32mm
1LG	8" - 10" 203mm to 254mm	7 x 4" 178 x 102mm	6-1/2 x 2-1/2" 165 x 64mm
1XLG	OVER 10" Over 254mm	7 x 4" 178 x 102mm	6-1/2 x 2-1/2" 165 x 64mm



STANDARD COLORS

Flammable & Oxidizing Fluids	Potable, Cooling, Boiler Feed, Waters
Compressed Air	Fire Quenching Fluids
Toxic, Corrosive Fluids	Combustible Fluids
NFPA 99 Colors	NFPA 99 Colors
NFPA 99 Colors	NFPA 99 Colors

* New 2015 color classification

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Material:

Outdoor Grade 3.2 mil thick high gloss adhesive backed calendered vinyl film, printed using UV and chemical resistant inks, to insure durability in most commercial / industrial environments.

Use:

Identify piping systems. Arrows are often used in conjunction with EZ Pipe Markers to identify directional flow of pipe content and to fully comply with ANSI / ASME A13.1-2015.

Adhesive:

Aggressive Solvent Based Acrylic Adhesive formulated to adhere to a variety of insulated and non insulated pipe surfaces.

Surface Preparation:

Surface must be dry and reasonably clean prior to applying adhesive backed label product. Minimum Surface Temperature 50° F (10°).

Outdoor Durability: 4 to 5 years Mid Continental US

Abrasion Resistance: Good

Water Resistance: Good

Solvent Resistance: Good

Service Temp: -20°F (-29°C) to 200°F (93°C)

Storage Stability: 2 years at 70°F (21°C) with 50 RH

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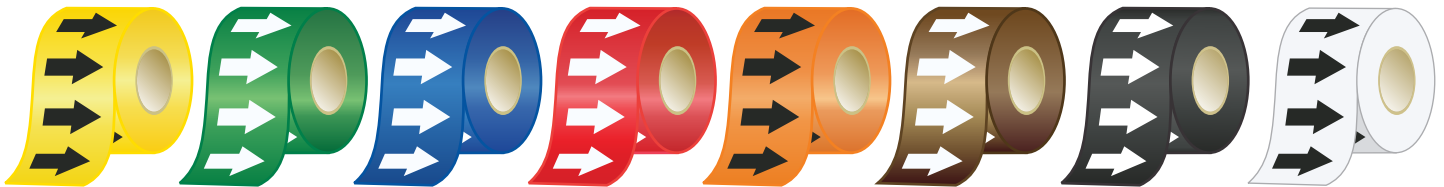
CONTRACTOR: _____



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Premium Arrow Banding Tape



When determining how much tape to order be aware of the following:

- Premium Arrow Banding Tape is 30 yards long.
- Most people will apply tape on both ends of the pipe marker resulting in 2 bands per marker see typical installation image above)
- Table below provides the quantity of **bands** for an specific O.D. (Outside Diameter), not the quantity of markers.



Typical Installation

EZ Marker with Arrow Banding Tape

Pipe Diameter	1" (25.4mm)	2" (51mm)	3" (76mm)	4" (102mm)	5" (127mm)	6" (152mm)	7" (178mm)	8" (203mm)	9" (229mm)	10" (254mm)	12" (305mm)
30 Yard (90')	308	154	102	77	61	51	44	38	34	30	25

STANDARD COLORS

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Compressed Air	Fire Quenching Fluids
Toxic, Corrosive Fluids	Combustible Fluids
NFPA 99 Colors	NFPA 99 Colors

* New 2015 color classification

Tape Size	Recommended Pipe Size	Marker Style
1" x 30 yds. 25.4mm x 27.4m	Up to 2-3/8" Up to 60mm	1XSM & 1SM
2" x 30 yds. 51mm x 27.4m	2-1/2" to 7-3/8" 64 to 187mm	1
4" x 30 yds. 102mm x 27.4m	Over 8" Over 203mm	1LG & 1XLG

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Material:

Outdoor Grade 3.2 mil thick high gloss adhesive backed calendared vinyl film, printed using UV and chemical resistant inks, to insure durability in most commercial / industrial environments.

Use:

Liner mounted adhesive tape. Banding & Arrow Tapes are often used in conjunction with EZ Pipe Markers to identify directional flow of pipe content and to fully comply with ANSI / ASME A13.1 2015. Tape provides a 360° visible color code and locator for the actual marker, which indicates pipe content.

Adhesive:

Aggressive Solvent Based Adhesive formulated to adhere to a variety of insulated and non insulated pipe surfaces.

Surface Preparation:

Surface must be dry and reasonably clean prior to applying adhesive backed label product. Minimum Surface Temperature 50° F (10°C).

Outdoor Durability: 4 to 5 years Mid Continental US

Abrasion Resistance: Good

Water Resistance: Good

Solvent Resistance: Good

Service Temp: -20°F (-29°C) to 200°F (93°C)

Storage Stability: 2 years at 70°F (21°) with 50 RH

DATE: ___ / ___ / ___ JOB: _____

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